Federal Operating Permit
Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1 of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9 VAC 5-80-50 through 9 VAC 5-80-300 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	E. I. duPont de Nemours & Co., Inc.
Facility Name:	DuPont Front Royal Plant
Facility Location:	Intersection of Routes 340/522 and 658 Warren County, Virginia
Registration Number:	80992
Permit Number:	VRO80992

October 7, 2004
Effective Date

October 6, 2009
Expiration Date

R. Bradley Chewning for
Director, Department of Environmental Quality

September 20, 2004
Signature Date

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I. Facility Information

Permittee
E.I. duPont de Nemours & Co., Inc.
1007 Market Street
Wilmington, DE 19898

Responsible Official
Charles K. Enzinger
Plant Manager

Facility
DuPont Front Royal Plant
7961 Winchester Road
Front Royal, VA 22630

Contact Person
James Nicola
(540) 622-1264

Plant Identification Number: 51-187-0026

Facility Description:

SIC Code 2851 (Paints, Varnishes, Lacquers, Enamels, and Allied Products) and NAISC 325510 (Paint and Coating Manufacturing)

SIC Code 2821 (Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers and NAISC 325211 (Plastics Material and Resin Manufacturing)

DuPont Front Royal Plant manufactures automotive refinish paints (SIC Code 2851/NAISC 325510) and resins (SIC Code 2821/NAISC 325211). Solvents and resin monomers are purchased and stored in storage tanks. A wash solvent mixture is used for tank cleanup between batches. Used wash solvent is recovered for re-use in a forced circulation evaporator solvent recovery process. Laboratory size paint spray booths are used to spray small test panels for color development and control. Plant steam is generated by two natural gas fired (No. 2 oil backup) boilers.

II. Emission Units

Equipment to be operated consists of:

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
Fuel Burning Equipment							
PH-B1	P-PH-PV 24-2	Cleaver Brooks boiler Model CB-800 (1979)	33.4 mm Btu/hr	---	---	---	07/16/04
PH-B2	P-PH-PV 24-5	Cleaver Brooks boiler Model CB-400 (1979)	20.9 mm Btu/hr	---	---	---	07/16/04
Paint Manufacturing							
M-PV	V-M-PV 1-26, 28-79, 88-90, 102-114	Process vents from individual batch manufacturing tanks; one per tank	2283 gal/hr total for all tanks	Farr Manufacturing Company Fabric Filter	DC/WV-M-E-1	PM PM-10	07/16/04
				Lamson Manufacturing Company Fabric Filter	DC/WV-M-E-2	PM PM-10	
Paint Manufacturing							
M-BE	E-M-E 98-105, 112-113, 120-126	17 building exhaust vents from the manufacturing building	110,000 cfm total for all vents	---	---	---	07/16/04
Laboratory Paint Spray Booths							
L-SB	V-L-SB 1-12	12 laboratory size paint spray booths used for color development and quality control	12,000 test panels per month total for all 12 booths	Dry Filters placed in each booth exhaust to control overspray	CD-L-SB 1-12	PM PM-10	07/16/04
Resin Manufacturing							
R-PV	V-R-PV1, E-R-E 78, V-R-E 79	Resin reactors and associated tanks vented to catch tank (1), dust collector system (78)	685 gal/hr total for resin area	Griffin/McCrone Dust Collection System	CD-E-R-E 78	PM PM-10	07/16/04

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable Permit Date
Solvent Storage and Distribution							
EL	N/A	Equipment leaks from storage tanks and associated piping components	N/A	---	---	---	07/16/04
Solvent Recovery							
SR-PV	V-SR-PV 1,2,5,7 & 8V-SR-ST 3,4 & 10 & E-SR-E-9	Forced Circulation Evaporator (FCE), Filmtruder and storage tanks	1400 gal/hr	---	---	---	07/16/04
Resin Manufacturing							
R-BE	E-R-E-2	Building exhaust vent from the Resin Manufacturing Building	33,000 cfm	---	---	---	07/16/04
Mixing Machines							
M-MM	E-MC-E 1&2 V-MC-ST-1-4	Miller Mixing Machines for making small, customized paint orders	57 gal/hr	---	---	---	07/16/04
Solvent Storage							
S-ST	V-R-ST 49-77	Outdoor Solvent & Monomer Storage	7,000 gal to 30,000 gal	Calgon Corporation Carbon Adsorbers (on select monomer tanks)	CD-V-R-ST 57 & 69-75	VOC	07/16/04
Resin Storage							
R-ST	V-R-ST 13-61	Indoor Resin & Raw Material Storage Tanks	8,000 gal to 30,000 gal	Calgon Corporation Carbon Adsorbers (on select tanks)	CD-V-R-ST 13-18 & 57-60	VOC	07/16/04

*The Size/Rated capacity is provided for informational purposes only, and is not an applicable requirement.

III. Fuel Burning Equipment Requirements – Units PH-B1 & PH-B2

A. Limitations

1. The approved fuels for the Cleaver Brooks boilers (Units PH-B1 & PH-B2) are natural gas and distillate oil. Distillate oil is defined as fuel oil that meets the specifications for fuel oil numbers 1 or 2 under the American Society for Testing and Materials, ASTM D396-78 "Standard Specification for Fuel Oils." A change in the fuels may require a permit to modify and operate.
   (9 VAC 5-80-110 and Condition 4 of 07/16/04 Permit)

2. The maximum sulfur content of the oil to be burned in the Cleaver Brooks boilers (Units PH-B1 & PH-B2) shall not exceed 0.3 percent by weight per shipment.
   (9 VAC 5-80-110 and Condition 5 of 07/16/04 Permit)

3. Emissions from the operation of the Cleaver Brooks boiler (Unit PH-B1) shall not exceed the limits specified below:

Particulate Matter	0.5 lbs/hr
PM-10	0.5 lbs/hr
Sulfur Dioxide	10.2 lbs/hr
Nitrogen Oxides (as NO2)	4.8 lbs/hr
Carbon Monoxide	1.2 lbs/hr
Volatile Organic Compounds	0.2 lbs/hr

   (9 VAC 5-80-110 and Condition 6 of 07/16/04 Permit)

4. Emissions from the operation of the Cleaver Brooks boiler (Unit PH-B2) shall not exceed the limits specified below:

Particulate Matter	0.3 lbs/hr
PM-10	0.3 lbs/hr
Sulfur Dioxide	6.3 lbs/hr
Nitrogen Oxides (as NO2)	3.0 lbs/hr

Carbon Monoxide	0.7 lbs/hr
Volatile Organic Compounds	0.1 lbs/hr

(9 VAC 5-80-110 and Condition 7 of 07/16/04 Permit)

5. Total emissions from the operation of the two Cleaver Brooks boilers (Units PH-B1 & PH-B2) combined shall not exceed the limits specified below:

Particulate Matter	3.4 tons/yr
PM-10	3.2 tons/yr
Sulfur Dioxide	72.4 tons/yr
Nitrogen Oxides (as NO2)	34.0 tons/yr
Carbon Monoxide	8.5 tons/yr
Volatile Organic Compounds	1.4 tons/yr

Annual emissions shall be calculated monthly as the sum of each consecutive 12-month period.
(9 VAC 5-80-110 and Condition 8 of 07/16/04 Permit)

6. Visible emissions from each of the two boiler stacks (P-PH-PV 24-2 and P-PH-PV 24-5) shall not exceed ten percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown and malfunction.
(9 VAC 5-80-110, 9 VAC 5-50-80, and Condition 9 of 07/16/04 Permit)

7. Boiler emissions shall be controlled by proper operation and maintenance. Boiler operators shall be trained in the proper operation of all such equipment. Training shall consist of a review and familiarization of the manufacturer's operating instructions, at minimum.
(9 VAC 5-50-20 and 9 VAC 5-80-110)

B. Monitoring and Recordkeeping

1. The permittee shall perform weekly inspections of the two boiler stacks (P-PH-PV 24-2 and P-PH-PV 24-5) when burning distillate fuel oil to determine the presence of visible emissions. If during the inspection, visible emissions are observed, an EPA Method 9 (reference 40 CFR Part 60, Appendix A) visible emissions evaluation (VEE) shall be conducted. The VEE shall be conducted for a minimum period of six

minutes. If any of the observations exceed the applicable opacity limit, the observation period shall continue until a total of 60 minutes of observation have been completed.
(9 VAC 5-80-110)

2. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Director, Valley Regional Office. These records shall include, but are not limited to:

   a. Fuel purchase records including type of fuel purchased.

   b. Fuel supplier certifications for oil shipments purchased, indicating the sulfur content by weight per shipment.

   c. The monthly and annual throughput of natural gas (in million cubic feet) and distillate oil (in 1000 gallons) for the two Cleaver Brooks boilers (Units PH-B1 & PH-B2). The annual throughput shall be calculated monthly as the sum of each consecutive 12-month period.

   d. The DEQ approved, pollutant-specific emission factors and the equations used to demonstrate compliance with Condition III.A.3, Condition III.A.4, and Condition III.A.5.

   e. Cleaver Brooks boiler stacks (P-PH-PV 24-2 and P-PH-PV 24-5) weekly inspection results (when burning distillate fuel oil) including:

      (1) The date and initials of person performing each inspection;

      (2) Whether or not visible emissions were observed; and

      (3) EPA Method 9 (40 CFR Part 60, Appendix A) observation record, if applicable.

   These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
   (9 VAC 5-80-110 and Conditions 5 and 18 of 07/16/04 Permit)

3. The permittee shall maintain records of the required training including a statement of time, place and nature of training provided. The permittee shall have available good written operating procedures and a maintenance schedule for the boilers. These procedures shall be based on the manufacturer's recommendations, at minimum. All records required by this condition shall be kept on site and made available for inspection by the DEQ.
   (9 VAC 5-80-110)

C. Testing

If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the following test methods in accordance with procedures approved by the DEQ as follows:

Pollutant	Test Method (40 CFR Part 60, Appendix A)
VOC	EPA Methods 18, 25, 25a
NO_x	EPA Method 7
SO_2	EPA Method 6
CO	EPA Method 10
PM/PM-10	EPA Methods 5, 17
Visible Emission	EPA Method 9

(9 VAC 5-80-110)

IV. Process Equipment Requirements – Unit M-PV

A. Limitations

1. Particulate emissions from the addition of pigments and other dry stock materials shall be controlled by two fabric filters (DC/WV-M-E 1 & 2). The fabric filters shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 3 of 07/16/04 Permit)

2. Particulate matter emissions from each fabric filter exhaust shall not exceed the process weight limit as determined by the following equation:

$$E = 4.10P^{0.67}$$

..... Equation 1

E = emission rate in lb/hr
P = process weight rate in tons/hr

(9 VAC 5-40-260 and 9 VAC 5-80-110)

3. Visible emissions from each fabric filter exhaust shall not exceed five percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9 VAC 5-80-110, 9 VAC 5-50-80, and Condition 12 of 07/16/04 Permit)

4. In order to minimize the duration and frequency of excess emissions due to malfunctions of process equipment or air pollution control equipment, the permittee shall:

   a. Develop a maintenance schedule.

   b. Maintain an inventory of spare parts that are needed to minimize durations of air pollution control equipment breakdowns.

   (9 VAC 5-80-110 and Condition 26 of 07/16/04 Permit)

B. Monitoring

1. Each fabric filter shall be equipped with a device to continuously measure the differential pressure across the fabric filter. Each device shall be installed in an accessible location and shall be maintained by the permittee such that it is in proper working order at all times.
(9 VAC 5-80-110 and Condition 3 of 07/16/04 Permit)

2. Pressure drop readings (inches of water) or (pounds per square inch (PSI) shall be alarmed at both the high and the low range. When pressure drop falls outside the range, the alarm will sound to identify the need for system maintenance. The range for the Farr Manufacturing fabric filter (DC/WV-M-E 1) is: a high limit of +10 inches water column and a low limit of –2 inches water column. The range for the Lamson Vacuum fabric filter (DC/WV-M-E 2) is: a high limit of +2 PSI and a low limit of –10 PSI.
(9 VAC 5-80-110)

3. The permittee shall perform weekly inspections of each fabric filter. Each inspection shall include an observation of the presence of visible emissions and the pressure drop across the fabric filter. If visible emissions are observed, timely corrective action shall be taken such that the fabric filter resumes operation with no visible emissions.
(9 VAC 5-80-110)

4. The permittee shall conduct an annual internal inspection on each fabric filter (DC/WV-M-E 1 & 2) to ensure structural integrity.
(9 VAC 5-80-110)

C. Recordkeeping

The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Director, Valley Regional Office. These records shall include, but are not limited to:

1. Dates and times that the pressure drop alarm triggered system maintenance.

2. Weekly fabric filter inspection results including:

   a. The date and initials of person performing each inspection;

   b. The pressure drop across the fabric filters;

   c. Whether or not there were visible emissions; and

   d. Any maintenance or repairs performed as a result of these inspections.

3. Annual fabric filter inspection results including:

   a. The date and initials of person performing each inspection;

   b. A list of items inspected; and

   c. Any maintenance or repairs performed as a result of these inspections.

4. Scheduled and non-scheduled maintenance on the air pollution control equipment as required by Condition IV.A.4.a.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-8--110 and Condition 26 of 07/16/04 Permit)

D. Testing

If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the following test methods in accordance with procedures approved by the DEQ as follows:

Pollutant	Test Method (40 CFR Part 60, Appendix A)
VOC	EPA Methods 18, 25, 25a
VOC Content	EPA Methods 24, 24a
PM/PM-10	EPA Methods 5, 17
Visible Emission	EPA Method 9

(9 VAC 5-80-110)

V. Process Equipment Requirements – Unit L-SB

A. Limitations

1. Particulate emissions from the laboratory spray booths shall be controlled by 12 fabric filters (CD-L-SB 1-12). The filters shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 3 of 07/16/04 Permit)

2. Visible emissions from each fabric filter exhaust shall not exceed five percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9 VAC 5-80-110 and Condition 12 of 07/16/04 Permit)

3. In order to minimize the duration and frequency of excess emissions due to malfunctions of process equipment or air pollution control equipment, the permittee shall:

   a. Develop a maintenance schedule.

   b. Maintain an inventory of spare parts that are needed to minimize durations of air pollution control equipment breakdowns.

   (9 VAC 5-80-110 and Condition 26 of 07/16/04 Permit)

B. Monitoring and Recordkeeping

1. The permittee shall perform weekly inspections of each fabric filter exhaust. Each inspection shall include an observation of the presence of visible emissions. If visible emissions are observed, timely corrective action shall be taken such that the fabric filter resumes operation with no visible emissions.
(9 VAC 5-80-110)

2. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Director, Valley Regional Office. These records shall include, but are not limited to:

   a. Spray booth filter inspections results including:

      (1) The date and initials of person performing each inspection;

      (2) Whether or not there were visible emissions; and

(3) Any maintenance or repairs performed as a result of these inspections.

b. Scheduled and non-scheduled maintenance on the air pollution control equipment as required by Condition V.A.3.a.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-80-110 and Condition 26 of 07/16/04 Permit)

C. Testing

If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the following test methods in accordance with procedures approved by the DEQ as follows:

Pollutant	Test Method (40 CFR Part 60, Appendix A)
Visible Emissions	EPA Method 9

(9 VAC 5-40-30)

VI. Process Equipment Requirements – Unit R-PV

A. Limitations

1. Particulate emissions from the addition of pigments and other dry stock materials shall be controlled by one fabric filter (CD-E-R-E 78). The fabric filter shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 3 of 07/16/04 Permit)

2. Particulate matter emissions from the fabric filter exhaust shall not exceed the process weight limit as determined by the following equation:

$$E = 4.10P^{0.67}$$

..... Equation 2

E = emission rate in lb/hr.
P = process weight rate in tons/hr.

(9 VAC 5-40-260 and 9 VAC 5-80-110)

3. Visible emissions from the fabric filter exhaust shall not exceed five percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.
(9 VAC 5-80-110, 9 VAC 5-50-80, and Condition 12 of 07/16/04 Permit)

4. In order to minimize the duration and frequency of excess emissions due to malfunctions of process equipment or air pollution control equipment, the permittee shall:

   a. Develop a maintenance schedule.

   b. Maintain an inventory of spare parts that are needed to minimize durations of air pollution control equipment breakdowns.

   (9 VAC 5-80-110 and Condition 26 of 07/16/04 Permit)

B. Monitoring

1. The fabric filter shall be equipped with a device to continuously measure the differential pressure across the fabric filter. The device shall be installed in an accessible location and shall be maintained by the permittee such that it is in proper working order at all times.
(9 VAC 5-80-110 and Condition 3 of 07/16/04 Permit)

2. The permittee shall perform a weekly inspection of the fabric filter. Each inspection shall include an observation of the presence of visible emissions and the pressure drop across the fabric filter. If visible emissions are observed, timely corrective action shall be taken such that the fabric filter resumes operation with no visible emissions.
(9 VAC 5-80-110)

3. The permittee shall conduct an annual internal inspection on the fabric filter to ensure structural integrity.
(9 VAC 5-80-110)

C. Recordkeeping

The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Director, Valley Regional Office. These records shall include, but are not limited to:

1. Weekly fabric filter inspection results including:

   a. The date and initials of person performing each inspection;

   b. The pressure drop across the fabric filter;

   c. Whether or not there were visible emissions; and

   d. Any maintenance or repairs performed as a result of these inspections.

2. Annual fabric filter inspection results including:

   a. The date and initials of person performing each inspection;

   b. A list of items inspected; and

   c. Any maintenance or repairs performed as a result of these inspections.

3. Scheduled and non-scheduled maintenance on the air pollution control equipment as required by Condition VI.A.4.a.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-80-110 and Condition 26 of 07/16/04 Permit)

D. Testing

If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the following test methods in accordance with procedures approved by the DEQ as follows:

Pollutant	Test Method (40 CFR Part 60, Appendix A)
VOC	EPA Methods 18, 25, 25a
VOC Content	EPA Methods 24, 24a
PM/PM-10	EPA Methods 5, 17
Visible Emission	EPA Method 9

(9 VAC 5-40-30)

VII. Process Equipment Requirements – Unit R-ST

A. Monitoring and Recordkeeping

1. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for each of the following vessels:

   Tank ID 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, and 1510

   Tank ID 1200, 1220, 1320, 1340, 1350 and 1370

   These records shall be kept for the life of each storage vessel.
   (9 VAC 5-80-110, 40 CFR 60.116b(b), and Condition 21 of 07/16/04 Permit)

2. The permittee shall maintain a record of the volatile organic liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period for any of the vessels listed in Condition VII.A.1 that store a VOL with a maximum true vapor pressure greater than or equal to 15.0 kPa.
   (9 VAC 5-80-110, 40 CFR 60.116b(c), and Condition 22 of 07/16/04 Permit)

B. Reporting

The permittee shall notify the EPA Administrator and the Director, Valley Regional Office, within 30 days, when the maximum true vapor pressure of the VOL stored in the vessel exceeds 27.6 kPa, for each of the vessels listed in Condition VII.A.1.
(9 VAC 5-80-110, 40 CFR 60.116b(d), and Condition 23 of 07/16/04 Permit)

VIII. Facility Wide Conditions

A. Limitations

1. Total process emissions of volatile organic compounds (VOCs) from the manufacture of paint and resin shall not exceed 175 tons per year, calculated monthly as the sum of each consecutive 12-month period.
(9 VAC 5-80-110 and Condition 10 of 07/16/04 Permit)

2. Total process emissions of particulates (particulate matter (PM) and PM-10) from the manufacture of paint and resin shall not exceed 1 ton per year, calculated monthly as the sum of each consecutive 12-month period.
(9 VAC 5-80-110 and Condition 11 of 07/16/04 Permit)

B. Monitoring

1. Actual monthly VOC emissions shall be calculated using the following formula:

$$E_{VOC} = E_{M\text{-}PV} + E_{M\text{-}BE} + E_{L\text{-}SB} + E_{R\text{-}PV} + E_{EL} + E_{SR\text{-}PV} + E_{R\text{-}BE} + E_{M\text{-}MM} + E_{S\text{-}ST} + E_{R\text{-}ST}$$

..... Equation 3

E_{VOC} = Total process emissions of VOC from the manufacture of paint and resin, expressed as tons/calendar month

$E_{M\text{-}PV}$ = VOC emissions from the batch manufacturing of paint, calculated using procedures contained in EPA's Control Technologies Guideline, "Control of Volatile Organic Compound Emissions from Batch Processes" dated November 1993

$E_{M\text{-}BE}$ = VOC emissions from the 17 paint manufacturing building exhausts, calculated based on data generated from the P3A

$E_{L\text{-}SB}$ = VOC emissions from the 12 laboratory spray booths, calculated by mass balance

$E_{R\text{-}PV}$ = VOC emissions from the batch manufacturing of resin, calculated using procedures contained in EPA's Control Technologies Guideline, "Control of Volatile Organic Compound Emissions from Batch Processes" dated November 1993

E_{EL} = VOC emissions from equipment leaks, calculated based on on-site measurements

E_{SR-PV} = VOC emissions from the solvent recovery process, calculated using EPA's Tanks 4.09 program or equivalent method approved by the DEQ and procedures contained in EPA's Control Technologies Guideline, "Control of Volatile Organic Compound Emissions from Batch Processes" dated November 1993

E_{R-BE} = VOC emissions from the resin manufacturing building exhaust, based on stack tests and ventilation flow rate

E_{M-MM} = VOC emissions from the Miller paint mixing machines, calculated using procedures contained in EPA's Control Technologies Guideline, "Control of Volatile Organic Compound Emissions from Batch Processes" dated November 1993

E_{S-ST} = VOC emissions from solvent/monomer storage, calculated using EPA's Tanks 4.09 program or equivalent method approved by the DEQ

E_{R-ST} = VOC emissions from resin storage, calculated using EPA's Tanks 4.09 program or equivalent method approved by the DEQ

(9 VAC 5-80-110 and Condition 13 of 07/16/04 Permit)

2. VOC emissions from the paint manufacturing building exhausts (E-M-E 98-105, 112-113, 120-126) shall be continuously monitored using the Pollution Prevention Prioritization Analyzer (P3A).
(9 VAC 5-80-110)

3. The permittee shall implement a Quality Control (QC) program for the P3A. As a minimum, the QC program shall include written procedures which describe in detail, complete, step-by-step procedures and operations for each of the following activities:

   a. Calibration of the P3A.

   b. Calibration Drift (CD) determination and adjustment of P3A.

   c. Preventative maintenance of P3A including spare parts inventory.

   d. Data recording, calculations, and reporting.

   e. Accuracy audit procedures including sampling and analysis methods.

   f. Program and corrective action for malfunctioning of the P3A.

   (9 VAC 5-80-110 and Condition 14 of 07/16/04 Permit)

4. The permittee shall implement a Quality Assurance (QA) program for the P3A. As a minimum, the following procedures shall be included:

   a. Zero and span checks shall be made daily, as described in 40 CFR 60.13 (d) (1), in accordance with the method prescribed by the manufacturer.

   b. The P3A shall be audited at least once each calendar quarter by a method approved by the Director, Valley Regional Office. At least biennially, the quarterly audit shall consist of a Relative Accuracy (RA) and a Calibration Drift (CD) test.

   (9 VAC 5-80-110 and Condition 15 of 07/16/04 Permit)

5. The permittee shall strive to maintain a minimum data availability of 90% for the P3A. Under no circumstance, shall data availability fall below 80%.
   (9 VAC 5-80-110 and Condition 16 of 07/16/04 Permit)

6. During P3A downtime, the permittee shall calculate emissions based on the actual number of hours of operation, the maximum concentration of VOC recorded, and current product formulation and wash solvent composition.
   (9 VAC 5-80-110 and Condition 17 of 07/16/04 Permit)

C. Recordkeeping

The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Valley Regional Office. These records shall include, but are not limited to:

1. Monthly and annual cumulative process VOC emissions (in tons). The annual emissions shall be calculated monthly as the sum of each consecutive 12-month period.

2. Monthly and annual cumulative process particulate emissions (in pounds). The annual emissions shall be calculated monthly as the sum of each consecutive 12-month period.

3. Monthly and annual cumulative process toxic VOC emissions (in tons). The annual emissions shall be calculated as the sum of each consecutive 12-month period.

4. Parameters needed to verify emissions calculated by EPA's CTG for Batch Processes for paint and resin manufacturing, solvent recovery, and Miller mixing machines. Include monthly and annual production (in gallons) for paint and resin.

5. Parameters needed to calculate emissions from spray booths, including the number of panels sprayed monthly and annually.

6. Parameters needed to calculate fugitive emissions from equipment leaks.

7. Parameters needed to calculate fugitive emissions from solvent/monomer and resin storage tanks with EPA's Tanks 4.09 program or equivalent method approved by the DEQ.

8. Parameters needed to calculate fugitive emissions from the resin manufacturing building exhaust.

9. Daily records of the data availability for the P3A .

10. Data availability, expressed as the percent of hours of data available in each month, of VOC concentrations monitored by the P3A.

11. Results of the QA program zero and span checks and audits.

12. A copy of the P3A Quality Control (QC) program and procedures.

13. A copy of the P3A Quality Assurance (QA) program and procedures.

14. A copy of the monthly spreadsheet for calculating VOC emissions; this spreadsheet calculates emissions during P3A downtime based on actual hours of operation and maximum concentration measured just before downtime, current product formulation and wash solvent composition.

15. Maintenance logs and repair records of the building exhaust system.

16. Copies of the monthly process weight rate inputs to all emission units that emit particulate matter (PM).

17. The DEQ approved, pollutant-specific emission factors and the equations used to demonstrate compliance with Condition VIII.A.2.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five years.
(9 VAC 5-80-110 and Conditions 14, 15, and 18 of 07/16/04 Permit)

D. Testing

If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the following test methods in accordance with procedures approved by the DEQ as follows:

Pollutant	Test Method (40 CFR Part 60, Appendix A)
VOC	EPA Methods 18, 25, 25a
VOC Content	EPA Methods 24, 24a
PM/PM-10	EPA Methods 5, 17
Visible Emission	EPA Method 9

(9 VAC 5-80-110)

E. Reporting

1. The permittee shall submit a quarterly report to the Director, Valley Regional Office, in accordance with the following schedule:

Time Period Covered by Report	Report Due Date
January 1 - March 31	June 1
April 1 - June 30	September 1
July 1 - September 30	December 1
October 1 - December 31	March 1

The reports due on March 1 and September 1 shall be submitted with the semi-annual report required by Condition XII.C.3.
(9 VAC 5-80-110 and Condition 19 of 07/16/04 Permit)

2. Each quarterly report shall contain, at a minimum, the following:

   a. Dates included in the calendar quarter.

   b. Monthly and annual cumulative process VOC emissions (in tons). The annual emissions shall be calculated monthly as the sum of each consecutive 12-month period.

   c. Monthly and annual cumulative process particulate emissions (in pounds). The annual emissions shall be calculated monthly as the sum of each consecutive 12-month period.

   d. Monthly average of P3A data availability.

   (9 VAC 5-80-110 and Condition 19 of 07/16/04 Permit)

IX. Facility Wide Conditions for Hazardous Air Pollutant Emissions

Unless the permittee obtains federally enforceable limits on its facility-wide emissions of hazardous air pollutants (HAPs) to below major-source thresholds prior to the specified date, the following federal requirements, derived from 40 CFR Part 63, will apply. For each standard, "requirements" include all control, operational, work practice, monitoring, recordkeeping, reporting, and testing requirements, as applicable.

A. Limitations

1. Except where this permit is more restrictive, on November 10, 2006, the resin manufacturing and solvent recovery operations shall comply with the requirements of 40 CFR Part 63 Subpart FFFF (Miscellaneous Organic NESHAP).
   (9 VAC 5-60-90, 9 VAC 5-60-100, 9 VAC 5-80-110 and 40 CFR 63 Subpart FFFF)

2. Except where this permit is more restrictive, on December 11, 2006, the paint manufacturing operations shall comply with the requirements of 40 CFR Part 63 Subpart HHHHH (Miscellaneous Coating Manufacturing NESHAP).
   (9 VAC 5-60-90, 9 VAC 5-60-100, 9 VAC 5-80-110 and 40 CFR 63 Subpart HHHHH)

3. Except where this permit is more restrictive, on February 3, 2007, the solvent unloading operations racks and piping to the storage tanks shall comply with the requirements of 40 CFR Part 63 Subpart EEEE (Organic Liquids Distribution NESHAP).
   (9 VAC 5-60-90, 9 VAC 5-60-100, 9 VAC 5-80-110 and 40 CFR 63 Subpart EEEE)

4. Except where this permit is more restrictive, Units B-1 and B-2 shall comply with the requirements of 40 CFR Part 63 Subpart DDDDD (National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boiler and Process Heaters) no later than three years after publication of the final rule in the Federal Register.
   (9 VAC 5-60-90, 9 VAC 5-60-100, 9 VAC 5-80-110 and 40 CFR 63 Subpart DDDDD)

X. Insignificant Emission Units

The following emission units at the facility are identified in the application as insignificant emission units under 9 VAC 5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
V-M-ST-8, 10 to 13, 77 & 78, 81 to 85, 102 to 109	Dispersion Storage Tanks	9 VAC 5-80-720 B	VOC	-
V-SR-ST-11	Wastewater Storage Tank	9 VAC 5-80-720 B	VOC	-
E-SR-E-10, 22 & 23	Exhaust Fan	9 VAC 5-80-720 B	VOC	-
E-R-E-5 to 11, 45 & 46	Wall and Exhaust Fans	9 VAC 5-80-720 B	VOC	-
V-R-PV-3 & 4, V-R-PV- 5 & 6, V-R-PV-12	Fire Relief Vents, Hot Box Vents, Maintenance Tank	9 VAC 5-80-720 B	VOC	-
V-HTF-21-2	HTF Stack	9 VAC 5-80-720 B	VOC	-
---	Resin Product Loading Operations	9 VAC 5-80-720 B	VOC	-
---	Wastewater Loading Operations	9 VAC 5-80-720 B	VOC	-

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9 VAC 5-80-110.

XI. Permit Shield & Inapplicable Requirements

Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
None identified by the applicant.		

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9 VAC 5-80-140)

XII. General Conditions

A. Federal Enforceability

All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9 VAC 5-80-110 N)

B. Permit Expiration

This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9 VAC 5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

1. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.

2. If an applicant submits a timely and complete application for an initial permit or renewal under this section, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9 VAC 5 Chapter 80, until the Board takes final action on the application under 9 VAC 5-80-150.

3. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9 VAC 5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9 VAC 5 Chapter 80.

4. If an applicant submits a timely and complete application under section 9 VAC 5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9 VAC 5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.

5. The protection under subsections F 1 and F 5 (ii) of section 9 VAC 5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9 VAC 5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.

(9 VAC 5-80-80 B, C and F, 9 VAC 5-80-110 D and 9 VAC 5-80-170 B)

C. Recordkeeping and Reporting

1. All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

   a. The date, place as defined in the permit, and time of sampling or measurements.

   b. The date(s) analyses were performed.

   c. The company or entity that performed the analyses.

   d. The analytical techniques or methods used.

   e. The results of such analyses.

   f. The operating conditions existing at the time of sampling or measurement.

   (9 VAC 5-80-110 F)

2. Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
   (9 VAC 5-80-110 F)

3. The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than **March 1** and **September 1** of each calendar year. This report must be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:

   a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31.

   b. All deviations from permit requirements. For purposes of this permit, deviations include, but are not limited to:

      (1) Exceedance of emissions limitations or operational restrictions;

      (2) Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or compliance assurance monitoring which indicates an exceedance of emission limitations or operational restrictions; or,

(3) Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semi-annual reporting period."

(9 VAC 5-80-110 F)

D. Annual Compliance Certification

Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than **March 1** each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. This certification shall be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:

1. The time period included in the certification. The time period to be addressed is January 1 to December 31.

2. The identification of each term or condition of the permit that is the basis of the certification.

3. The compliance status.

4. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance.

5. Consistent with subsection 9 VAC 5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period.

6. Such other facts as the permit may require to determine the compliance status of the source.

One copy of the annual compliance certification shall be sent to EPA at the following address:

Clean Air Act Title V Compliance Certification (3AP00)
U. S. Environmental Protection Agency, Region III
1650 Arch Street
Philadelphia, PA 19103-2029.

(9 VAC 5-80-110 K.5)

E. Permit Deviation Reporting

The permittee shall notify the Director, Valley Regional Office, within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to General Condition XII.C.3. of this permit.
(9 VAC 5-80-110 F.2 and 9 VAC 5-80-250)

F. Failure/Malfunction Reporting

In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall, as soon as practicable but no later than four daytime business hours after the malfunction is discovered, notify the Director, Valley Regional Office, by facsimile transmission, telephone or telegraph of such failure or malfunction and shall within 14 days of discovery provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. Owners subject to the requirements of 9 VAC 5-40-50 C and 9 VAC 5-50-50 C are not required to provide the written statement prescribed in this paragraph for facilities subject to the monitoring requirements of 9 VAC 5-40-40 and 9 VAC 5-50-40. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Director, Valley Regional Office.
(9 VAC 5-20-180 C)

G. Severability

The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9 VAC 5-80-110 G.1)

H. Duty to Comply

The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9 VAC 5-80-110 G.2)

I. Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9 VAC 5-80-110 G.3)

J. Permit Modification

A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9 VAC 5-80-50, 9 VAC 5-80-1100, 9 VAC 5-80-1790, or 9 VAC 5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios. (9 VAC 5-80-190 and 9 VAC 5-80-260)

K. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. (9 VAC 5-80-110 G.5)

L. Duty to Submit Information

1. The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9 VAC 5-80-110 G.6)

2. Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9 VAC 5-80-80 G.
(9 VAC 5-80-110 K.1)

M. Duty to Pay Permit Fees

The owner of any source for which a permit under 9 VAC 5-80-50 through 9 VAC 5-80-300 was issued shall pay permit fees consistent with the requirements of 9 VAC 5-80-310 through 9 VAC 5-80-350. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department.
(9 VAC 5-80-110 H and 9 VAC 5-80-340 C)

N. Fugitive Dust Emission Standards

During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

1. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;

2. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;

3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or other similar operations;

4. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,

5. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9 VAC 5-50-90)

O. Startup, Shutdown, and Malfunction

At all times, including periods of startup, shutdown, soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9 VAC 5-50-20 E)

P. Alternative Operating Scenarios

Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9 VAC 5 Chapter 80, Article 1.
(9 VAC 5-80-110 J)

Q. Inspection and Entry Requirements

The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

1. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.

2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.

3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.

4. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9 VAC 5-80-110 K.2)

R. Reopening For Cause

The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9 VAC 5-80-80 F.

1. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

2. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

3. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9 VAC 5-80-110 D.

(9 VAC 5-80-110 L)

S. Permit Availability

Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9 VAC 5-80-150 E)

T. Transfer of Permits

1. No person shall transfer a permit from one location to another, unless authorized under 9 VAC 5-80-130, or from one piece of equipment to another.
(9 VAC 5-80-160)

2. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

3. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

U. Malfunction as an Affirmative Defense

1. A malfunction constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the requirements of paragraph 2 of this condition are met.

2. The affirmative defense of malfunction shall be demonstrated by the permittee through properly signed, contemporaneous operating logs, or other relevant evidence that show the following:

   a. A malfunction occurred and the permittee can identify the cause or causes of the malfunction.

   b. The permitted facility was at the time being properly operated.

   c. During the period of the malfunction the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.

   d. The permittee notified the board of the malfunction within two working days following the time when the emission limitations were exceeded due to the malfunction. This notification shall include a description of the malfunction, any steps taken to mitigate emissions, and corrective actions taken. The notification may be delivered either orally or in writing. The notification may be delivered by electronic mail, facsimile transmission, telephone, or any other method that allows the permittee to comply with the deadline. This notification fulfills the requirements of 9 VAC 5-80-110 F 2 b to report promptly deviations from permit

requirements. This notification does not release the permittee from the malfunction reporting requirement under 9 VAC 5-20-180 C.

3. In any enforcement proceeding, the permittee seeking to establish the occurrence of a malfunction shall have the burden of proof.

4. The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any applicable requirement.

(9 VAC 5-80-250)

V. Permit Revocation or Termination for Cause

A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9 VAC 5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any of the grounds for revocation or termination or for any other violations of these regulations.
(9 VAC 5-80-190 C and 9 VAC 5-80-260)

W. Duty to Supplement or Correct Application

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9 VAC 5-80-80 E)

X. Stratospheric Ozone Protection

If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(40 CFR Part 82, Subparts A-F)

Y. Asbestos Requirements

The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).
(9 VAC 5-60-70 and 9 VAC 5-80-110 A.1)

Z. Accidental Release Prevention

If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(40 CFR Part 68)

AA. Changes to Permits for Emissions Trading

No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9 VAC 5-80-110 I)

BB. Emissions Trading

Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

1. All terms and conditions required under 9 VAC 5-80-110, except subsection N, shall be included to determine compliance.

2. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.

3. The owner shall meet all applicable requirements including the requirements of 9 VAC 5-80-50 through 9 VAC 5-80-300.

(9 VAC 5-80-110 I)